MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MAY 1953

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

MAY 1953

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	57.9	57.7	58.0	57.9	24.9	16.2	21.3	24.9	18.9	21.7
2	59.9	59.8	59.6	59.8	23.6	16.3	20.3	23.4	17.6	20.4
3	59.7	59.5	60.0	59.7	23.3	16.3	19.4	21.7	18.3	19.8
4	59.4	59.2	59.2	59.3	23.7	15.8	19.9	22.4	18.3	20.2
5	57.2	54.1	51.3	54.2	24.9	18.6	20.5	23.3	20.5	21.4
6	51.8	53.9	57.1	54.3	26.7	16.4	23.4	23.3	19.3	22.0
7	59.9	60.7	61.8	60.8	23.8	15.0	20.5	22.9	17.8	20.4
8	61.9	61.9	61.5	61.8	24.3	15.0	20.1	23.6	17.5	20.4
9	59.9	58.1	56.0	58.0	27.2	17.6	20.8	21.7	18.9	20.5
10	53.1	57.3	60.2	56.9	28.8	15.9	27.2	23.3	19.2	23.2
11	62.3	62.6	63.0	62.6	24.7	15.3	21.1	23.6	18.1	20.9
12	62.2	62.2	61.6	62.0	24.8	16.2	20.5	24.4	18.5	21.1
13	61.7	60.5	60.4	60.9	25.9	18.6	20.6	23.2	19.3	21.1
14	60.7	59.8	58.7	59.7	33.3	22.1	23.5	27.1	23.1	24.6
15	55.3	56.9	57.7	56.6	33.7	18.6	32.8	25.2	20.0	26.0
16	58.0	57.1	55.2	56.8	25.6	18.6	22.2	24.7	20.5	22.5
17	57.4	58.0	58.6	58.0	26.2	17.8	21.9	25.5	19.3	22.2
18	60.1	60.9	61.3	60.8	26.2	16.7	22.2	25.6	19.6	22.5
19	61.4	61.4	61.7	61.5	25.8	17.8	22.1	25.1	18.9	22.0
20	62.2	61.1	60.7	61.3	24.7	18.7	21.9	23.9	20.0	21.9
21	61.0	60.0	60.3	60.4	24.4	17.8	21.3	24.0	19.4	21.6
22	60.4	60.0	60.1	60.2	25.0	17.8	22.2	25.8	19.7	22.6
23	59.9	60.1	59.9	60.0	26.8	18.0	22.4	26.8	20.4	23.2
24	59.1	58.1	56.4	57.9	28.8	21.8	23.9	28.2	22.3	24.8
25	58.5	59.6	60.0	59.4	26.8	19.3	24.0	26.7	21.1	23.9
26	60.3	60.4	60.3	60.3	27.3	19.6	23.8	25.3	20.8	23.3
27	61.0	60.7	60.4	60.7	27.4	18.3	23.7	26.8	20.5	23.7
28	59.0	58.3	57.8	58.4	26.4	18.3	23.1	25.1	20.8	23.0
29	56.7	57.5	58.7	57.6	27.4	18.4	23.7	27.2	20.5	23.8
30	60.5	60.9	61.4	60.9	27.7	18.7	24.4	27.4	20.5	24.1
31	60.8	59.8	59.8	60.1	26.9	19.7	24.1	25.6	21.3	23.7
	59.33	59.30	59.31	59.32	26.35	17.78	22.54	24.76	19.71	22.34

Barometer, range for month 763.0 mm. — 751.3 mm.
„ 71-yr. average for month 759.50 mm.
Thermometer, range for month 33.7°C — 15.0°C
„ 71-yr. average for month 22.48°C
Rain total for month 9.65 mm.
„ 71-yrs average for month 18.15 mm.
„ Total, Sept. 1st. to end of month 1060.92 mm.
„ 71-yrs. average. Sept. 1st. to end of month 888.15mm.

MAY 1953

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	20.7	21.9	20.6	21.0	83	69	94	82	10.1	423.0	
2	16.9	17.1	15.4	16.5	72	60	77	70	11.0	576.0	
3	15.6	18.4	18.2	17.4	69	71	87	76	4.4	182.0	
4	17.4	16.2	17.6	17.1	76	60	83	73	9.3	180.0	
5	15.3	18.3	16.4	16.7	62	64	67	64	9.0	468.0	
6	16.5	20.1	16.2	17.6	58	70	73	67	8.5	645.0	
7	17.6	18.1	14.8	16.8	74	66	73	71	12.2	330.0	9.65
8	15.2	15.9	15.3	15.5	66	56	78	67	10.9	129.0	
9	15.9	17.8	18.9	17.5	66	70	87	74	6.0	171.0	
10	12.8	20.7	19.0	17.5	35	72	85	64	10.9	661.0	
11	17.7	18.3	15.9	17.3	71	64	79	71	9.9	251.0	
12	17.6	18.6	16.5	17.6	72	60	80	71	11.8	92.0	
13	18.7	18.3	16.2	17.7	77	63	71	70	8.2	127.0	
14	15.3	19.5	11.9	15.6	55	53	44	51	9.4	259.0	
15	13.6	21.9	19.7	18.4	29	70	84	61	10.0	444.0	
16	19.8	21.1	22.3	21.0	73	70	92	78	11.2	114.0	
17	20.2	17.7	18.5	18.8	78	54	81	71	11.0	209.0	
18	16.8	18.9	17.9	17.9	63	59	80	67	12.7	171.0	
19	18.6	18.8	17.2	18.2	69	61	79	70	12.6	174.0	
20	17.8	19.0	19.2	18.7	71	64	82	72	9.7	283.0	
21	18.9	19.0	16.2	18.0	76	66	72	71	11.5	129.0	
22	17.4	18.3	18.5	18.0	65	56	81	67	12.2	179.0	
23	19.2	20.6	18.7	19.5	71	59	77	69	12.3	108 0	
24	16.6	19.9	16.2	17.6	56	52	62	57	11.6	328.0	
25	22.2	21.3	21.9	21.8	76	62	87	75	11.7	462.0	
26	21.5	18.8	18.7	19.7	72	59	78	70	8.2	187.0	
27	20.3	20.0	18.7	19.7	68	57	77	67	12.3	167.0	
28	17.5	19.4	18.7	18.5	63	62	77	67	9.0	314.0	
29	19.0	20.2	18.7	19.3	64	55	77	65	11.8	243.0	
30	18.6	20.2	19.3	19.4	61	56	79	65	12.0	114.0	
31	19.7	19.6	18.9	19.4	67	59	76	67	12.2	150.0	
	17.77	19.16	17.81	18.25	66.4	61.9	78.0	68.7	10.44	266.77	0.31

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	10ci	9cist	8st	9.0	1sw	1sw	1sw	light	D., p.m.
2	0	6cist	0	2.0	3sw	2w	2w	,,	
3	9cu-st	10st	8cust	9.0	3sw	1sw	1sw	,,	
4	10cu-st	7st	0	5.7	1n	2n	3n	,,	
5	10ci-st	10ci-st	4ci	8.0	1ne	3ne	4ne	,,	
6	10cu-ci	10cu-st	10cu-st	10.0	2sw	2sw	2sw	light	
7	8cu-ni	5cu	6cu-st	6.3	3sw	3sw	1sw	slight	
8	10cist	8cu-ci	7cu-st	8.3	1sw	2w	1w	light	
9	10ci-st	10ci-st	0	6.7	2ne	2n	2n	,,	H., all day
10	10st	10st	0	6.7	2sw	4sw	3sw	,,	H.w., all day. hot wi
11	0	9ci-st	0	3.0	2sw	3w	1w	light	
12	0	1cu	0	0.3	2sw	2w	1w	,,	
13	0	1st	0	3.3	1n	1sw	1sw	,,	H., a.m.
14	4st	3ci	0	2.3	1e	1ne	1e	calm	H., a.m. Hot wind
15	2ci	0	2st	1.3	1sw	3sw	1w	light	H.,all day. Hot wind
16	10ci	1ci	10st	7.0	1sw	1n	1ne	light	H., A M.
17	9cu-st	9ci-st	0	6.0	3sw	2sw	1w	,,	
18	1cu	1cu	8cu	3.3	2sw	2sw	1sw	,,	
19	0	1ci	0	0.3	3sw	3w	1n	,,	
20	0	7cu-ci	1ci	2.7	1n	2n	2n	,,	
21	10cu-st	0	0	3.3	2n	2n	1n	light	
22	0	1ci	0	0.3	1n	2n	1n	,,	
23	4cu-st	0	0	1.3	3sw	2sw	0	,,	
24	0	1cu-ci	0	0.3	1n	2ne	0	,,	
25	6ci-st	4ci	0	3.3	3sw	2sw	2sw	,,	H., A.M.
26	0	1ci-st	5cu-ci	5.0	1sw	1sw	1sw	light	H., a.m.
27	1cu	4cu	2cu	2.3	2w	1sw	1sw	,,	H., all day
28	10ci-st	10cu-st	10cu	10.0	2sw	3w	3w	,,	
29	3cu	4cu	0	2.3	2sw	2w	1sw	,,	
30	2cu	3cu-ci	0	1.7	2w	1w	1w	,,	
31	1cu	6ci	0	2.3	1ne	2n	1n	,,	
	mean			4.30					

Abbreviations : G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	6	3	1	0	0	19	2	0	0	31
14:30	7	3	0	0	0	13	8	0	0	31
20:30	7	2	1	0	0	11	8	0	2	31
Total	20	8	2	0	0	43	18	0	2	93

Number of days with rain 1, fog 0, thunderstorms 0, gale 0.
71 yr. av. number of days with rain during month 3.08